CALENDAR

OF THE

MADRAS MEDICAL COLLEGE
MADRAS

0-50

808/258

PART I

1957-58

CONTENTS

		PAGE
1	Calendar for the year 1957-58	1
2	College Staff	13
3	Daily order of instruction	20
4	Examination results for the year 1957-58	39
5	Question papers for previous years	44

CALENDAR FOR THE YEAR 1957–58.

Date.	Days of the week.	JULY 1957.
1	M.	
2	Tu.	
3	W.	
4	Th.	
5	F.	Last day for receiving attendance certificates for B.S.Sc., Part II, and Diploma in Tuberculosis Examinations.
6	Sat.	
7	Sun.	
8	M.	
9	Tu.	BAKRID (Holiday).
10	W.	
11	Th.	
12	F.	
13	Sat.	
14	Sun.	
15	M.	Last day for receiving attendance certificates for all the Diplomas in Medicine and Surgery Examinations (except the Diploma in Tuberculosis), B.S.Sc., Part II, and Diploma in Tuberculosis Examination. Last day for receipt of applications with necessary receipts for all the Diplomas in Medicine and Surgery Examinations (except Diploma in Tuberculosis).
16	Tu.	
17	W.	
18	Th.	
19	F.	
20	Sat.	PENULTIMATE SATURDAY (Holiday).
21	Sun.	
22	M.	
23	Tu.	
24	W.	
25	Th.	
26	F.	
27	Sat.	
28	Sun.	
29	M.	
30	Tu.	
31	W.	

Date.	Days of the week.	AUGUST 1957.
1	Th.	
2	F.	
3	Sat.	
4	Sun.	
5	M.	
6	Tu.	
7	W.	MUHARRAM (Holiday).
8	Th.	Last day for the submission of Returns of Staff as on 1st August.
9	F.	
10	Sat.	AVANI AVITTAM (Holiday).
11	Sun.	
12	M.	Publication of results of B.S.Sc. (Part II) and Diploma in Tuberculosis Examinations.
13	Tu.	
14	W.	
15	Th.	INDEPENDENCE DAY (Holiday,
16	F.	
17	Sat.	
18	Sun.	
19	M.	
20	Tu.	
21	W.	
22	Th.	
23	F.	
24	Sat.	PENULTIMATE SATURDAY (Holiday).
25	Sun.	
26	M.	
27	Tu.	
28	W.	VINAYAKA CHATHURTHI (Holiday).
29	Th.	
30	F.	
31	Sat.	Last day for receipt of thesis and applications for M.Sc., and Ph.D. and for registration for M.Sc. and Ph.D.

Date.	Days of the week.	SEPTEMBER 1957.
1	Sun.	
2	M.	Last day for receipt of applications with Treasury receipts for the B.S.Sc., Part II, Examinations.
3	Tu.	
4	W.	
5	Th.	
6	F.	
7	Sat.	
8	Sun.	
9	M.	
10	Tu.	
11	W.	
12	Th.	
13	F.	
14	Sat.	Last day for registration for D.G.O., D.V., D.L.O. and D.O. courses.
15	Sun.	
16	M.	
17	Tu.	
18	W.	
19	Th.	
20	F.	
21	Sat.	PENULTIMATE SATURDAY (Holiday).
22	Sun.	
23	M.	MAHALAYA AMAVASYA (Holiday).
24	Tu.	
25	W.	
26	Th.	
27	F.	
28	Sat.	
29	Sun.	
30	M.	

Date.	Days of the week.	OCTOBER 1957.
1	Tu.	AYUDHA PUJA (Holiday).
2	W.	AYUDHA PUJA, MAHATMA GANDHI'S BIRTH-DAY (Holiday).
3	Th.	AYUDHA PUJA (Holiday).
4	F.	
5	Sat.	
6	Sun.	
7	M.	MEELADI NABI (Holiday).
8	Tu.	Last day for receipt of Hostel Return and Reports of Medical Inspections from Colleges. Last day for receipt of application with treasury receipts for first, Second and final M.B.B.S. and B. Pharmacy, Preliminary and Final (Parts I and II), and First, Second and Third B.D.S. Examinations.
9	W.	
10	Th.	
11	F.	
12	Sat.	
13	Sun.	
14	M.	
15	Tu.	All the Diplomas in Medicine and Surgery Examinations (except Diploma in Tuberculosis).
16	W.	
17	Th.	
18	F.	
19	Sat.	PENULTIMATE SATURDAY (Holiday).
20	Sun.	
21	M.	
22	Tu.	} DEEPAVALI (Holidays).
23	W.	}
24	Th.	
25	F.	
26	Sat.	
27	Sun.	
28	M.	
29	Tu.	The Madras University Amendment Act of 1929 came into force.
30	W.	
31	Th.	Last day for receipt of applications from institutions for recognition, affiliation or approval in any University course or courses from the academic year (1958-59).

Date.	Days of the week.	NOVEMBER 1957.
1	F.	Last day for receipt of applications with Treasury receipt for B.S.Sc. (Part I), Diploma in Tubereulosis Examinations.
2	Sat.	
3	Sun.	
4	M.	
5	Tu.	
6	W.	
7	Th.	
8	F.	
9	Sat.	
10	Sun.	Last day for receiving attendance certificates for B.S.Sc., Part II, Examination.
11	M.	
12	Tu.	
13	W.	
14	Th.	
15	F.	Publication of results of Examinations for all the Diplomas in Medicine and Surgery (except Diploma in Tuberculosis).
16	Sat.	
17	Sun.	
18	M.	
19	Tu.	
20	W.	Last day for receiving attendance certificate for B. Pharmacy, Preliminary and final (Parts I and II) and First, Second and Final M.B.B.S. Examinations and all B.D.S. Examinations (B.S.Sc., Part II, Examination).
21	Th.	
22	F.	
23	Sat.	PENULTIMATE SATURDAY (Holiday).
24	Sun.	
25	M.	
26	Tu.	
27	W.	
28	Th.	
29	F.	
30	Sat.	

Date.	Days of the week.	DECEMBER 1957.
1	Sun.	
2	M.	B.D.S. Examinations, B. Pharmacy, Preliminary and Final (Parts I and II), and First, Second and Final M.B.B.S. Examinations.
3	Tu.	
4	W.	
5	Th.	
6	F.	
7	Sat.	
8	Sun.	
9	M.	
10	Tu.	
11	W.	
12	Th.	
13	F.	
14	Sat.	
15	Sun.	
16	M.	
17	Tu.	
18	W.	
19	Th.	
20	F.	Publication of results of B. Pharmacy Preliminary and Final, First, Second and Final M.B.B.S. and B.S.Sc., Part II, Examinations.
21	Sat.	PENULTIMATE SATURDAY (Holiday).
22	Sun.	
23	M.	
24	Tu.	
25	W.	CHRISTMAS DAY (Holiday).
26	Th.	
27	F.	
28	Sat.	
29	Sun.	
30	M.	
31	Tu.	ANNUAL CLOSING OF BANK ACCOUNTS. (not a holiday for other Government offices including Non-bank treasuries).

Date.	Days of the week.	JANUARY 1958.
1	W.	NEW YEAR'S DAY (*Holiday*).
2	Th.	
3	F.	
4	Sat.	
5	Sun.	
6	M.	Publication of results of B.D.S. Examination.
7	Tu.	
8	W.	
9	Th.	
10	F.	Last day for receiving attendance certificate for B.S.Sc., Part I, and Diploma in Tuberculosis Examinations.
11	Sat.	
12	Sun.	
13	M.	BHOGI (Holiday).
14	Tu.	PONGAL (Holiday).
15	W.	MATTU PONGAL (Holiday).
16	Th.	
17	F.	
18	Sat.	PENULTIMATE SATURDAY (Holiday).
19	Sun.	
20	M.	B.S.Sc., Part I, and Diploma in Tuberculosis Examinations. Last day for receipt of applications with Treasury receipts for First, Second and Final M.B.B.S., M.D., M.S., B. (Pharmacy) Preliminary and *Final (Parts I and II), First, Second, Third* and Final B.D.S., all Diplomas in Medicine and Surgery (except Diploma in Tuberculosis T.D.D.). Last day for receiving attendance certificate for M.D., M.S., and for all the Diplomas in Medicine and Surgery Examinations (except *Diploma in Tuberculosis*).
21	Tu.	
22	W.	
23	Th.	
24	F.	
25	Sat.	
26	Sun.	REPUBLIC DAY (Holiday).
27	M.	
28	Tu.	
29	W.	
30	Th.	
31	F.	Last day for receipt of thesis and application for M.Sc., Ph.D. and for registration for M.Sc. and Ph.D.

Date.	Days of the week.	FEBRUARY 1958.
1	Sat.	Last day for receipt of applications with treasury receipts for B.S.Sc., Part I, Examination.
2	Sun.	
3	M.	
4	Tu.	
5	W.	
6	Th.	
7	F.	
8	Sat.	
9	Sun.	
10	M.	Publication of results of B.S.Sc., Part I, Examination.
11	Tu.	
12	W.	
13	Th.	
14	F.	
15	Sat.	PENULTIMATE SATURDAY (Holiday).
16	Sun.	MAHA SIVARATHRI (Holiday).
17	M.	
18	Tu.	
19	W.	
20	Th.	Publication of results of Diploma in Tuberculosis.
21	F.	
22	Sat.	
23	Sun.	
24	M.	
25	Tu.	
26	W.	
27	Th.	
28	F.	

Date.	Days of the week.	MARCH 1958.
1	Sat.	
2	Sun.	
3	M.	
4	Tu.	
5	W.	
6	Th.	
7	F.	
8	Sat.	
9	Sun.	
10	M.	
11	Tu.	
12	W.	
13	Th.	
14	F.	M.D. and M.S. Examination.
15	Sat.	Last day for registration for D.G.O., D.O., D.L.O. and D.V. Courses.
16	Sun.	
17	M.	
18	Tu.	
19	W.	
20	Th.	Last day for receiving attendance certificate for First, Second and Final M.B.B.S. and B. Pharmacy, Preliminary and Final (Parts I and II) and B.D.S. Examinations.
21	F.	TELUGU NEW YEAR'S DAY (Holiday).
22	Sat.	PENULTIMATE SATURDAY (Holiday).
23	Sun.	
24	M.	
25	Tu.	
26	W.	
27	Th.	
28	Fri.	
29	Sat.	Madras University Act VII of 1923 received the assent of the Governor-General.
30	Sun.	
31	M.	

Date.	Days of the week.	*APRIL 1958.*
1	Tu.	First, Second and Final M.B.B.S., B. Pharmacy, Preliminary and Final, First, Second and Third and Final B.D.S. and all Diplomas in Medicine and Surgery Examinations (except Diploma in Tuberculosis).
2	W.	
3	Th.	
4	F.	GOOD FRIDAY (Holiday).
5	Sat.	*Last date for receiving attendance certificate* for B.S. Sc. Part I Examinations.
6	Sun.	
7	M.	
8	Tu.	
9	W.	
10	Th.	
11	F.	
12	Sat.	
13	Sun.	
14	M.	TAMIL NEW YEAR'S DAY (Holiday).
15	Tu.	B.S. Sc. Part I Examinations.
16	W.	
17	Th.	
18	F.	
19	Sat.	PENULTIMATE SATURDAY (Holiday).
20	Sun.	
21	M.	RAMZAN (Holiday).
22	Tu.	Publication of First and Second M.B.B.S., B. Pharmacy Preliminary and Final Examination results. Last date for receiving attendance certificate for the M.Sc. (By-Examinations).
23	W.	
24	Th.	
25	F.	
26	Sat.	
27	Sun.	
28	Mon.	
29	Tu.	
30	W.	

Date.	Days of the week.	MAY 1958.
1	Th.	Examination in M.Sc. (By-Examination) last day for receipt of applications for the Diploma in Tuberculosis (T.D.D.) Examination. Publication of results of Final M.B.B.S., M.D., M.S., First, Second, Third and Final B.D.S. and all the Diplomas in Medicine and Surgery Examinations (except Diploma in Tuberculosis) B.S.Sc., Part I Examinations.
2	F.	
3	Sat.	
4	Sun	
5	M.	
6	Tu.	
7	W.	
8	Th.	Last day for receipt of applications for B.S.Sc. Part II Examinations.
9	F.	
10	Sat.	
11	Sun.	
12	M.	
13	Tu.	
14	W.	
15	Th.	
16	F.	
17	Sat.	
18	Sun.	
19	M.	
20	Tu.	
21	W.	
22	Th.	
23	F.	
24	Sat.	PENULTIMATE SATURDAY (Holiday).
25	Sun.	
26	M.	
27	Tu.	
28	W.	
29	Th.	
30	F.	
31	Sat.	

Date.	Days of the week.	JUNE 1958.
1	Sun.	
2	M.	
3	Tu.	
4	W.	
5	Th.	
6	F.	
7	Sat.	
8	Sun.	
9	M.	Publication of results of M.Sc. (By-Examination).
10	Tu.	
11	W.	
12	Th.	
13	F.	
14	Sat.	Last date of registration for Diploma in Radiology Course.
15	Sun.	
16	M.	
17	Tu.	
18	W.	
19	Th.	
20	F.	
21	Sat.	PENULTIMATE SATURDAY (Holiday).
22	Sun.	
23	M.	
24	Tu.	
25	W.	
26	Th.	
27	F.	
28	Sat.	BAKRID (Holiday).
29	Sun.	
30	M.	Half-yearly closing of Bank account.

COLLEGE STAFF.

Serial number, name and qualification.	Designation.
1 Dr. R. G. Krishnan, F.R.C.S.	Dean.
2 Dr. T. Janardhanan, M.B.B.S., M.SC. ..	Vice-Principal and Professor of Anatomy.

ANATOMY DEPARTMENT.

3 Dr. T. Janardhanan, M.B,B.S., M.SC. ..	Professor of Anatomy.
4 Dr. P. V. Bobji, M.B.B.S.	Assistant Professor of Anatomy.
5 Dr. M. M. Cooper, M.B.B.S.	Do.
6 Dr. T. J. Venkaswamy, M.B.B.S.	Do.
7 Dr. C. Senthilnathan, M.B.B.S.	Do.
8 Dr. Enoch Thomas, M.B.B.S.	Do.

BIO-CHEMISTRY DEPARTMENT.

9 Dr. Ninan Verghese, M.B.B.S., M.SC. ..	Professor of Bio-Chemistry.
10 Dr. Ambika Shanmugam, M.B.B.S. ..	Assistant Professor of Bio-Chemistry.
11 Dr. V. P. Ramapandiaraj, M.B.B.S. ..	Do.

CHEMISTRY DEPARTMENT.

12 Dr. A. R. Natarajan, M.SC. (Lond.) ..	Professor of Chemistry.

PHYSIOLOGY DEPARTMENT.

13 Dr. K. P. Anandan, M.B.B.S., M.SC. ..	Professor of Physiology.
14 Dr. P. I. George, M.B.B.S.	Assistant Professor of Physiology.
15 Dr. H. D. Singh, M.B.B.S.	Do.
16 Dr. Enid Roberts, M.B.B.S.	Do.
17 Dr. (Srimathi) S. Parvathi Devi, M.B.B.S.	Do.
18 Dr. (Srimathi) G. Krishna Bai, M.B.B.S. ..	Do.
19 Dr. G. Ananthasubramaniam, M.B.B.S. ..	Do.
20 Dr. Manikumari, M.B.B.S.	Do.

Serial number, name and qualification.	Designation.
PHARMACOLOGY DEPARTMENT.	
21 Dr. K. P. Sarathy, M.B.B.S., M.SC. ..	Professor of Pharmacology.
22 Dr. T. R. Krishnamurthy, M.B.B.S., M.SC. ..	Assistant Professor of Pharmacology.
23 Dr. P. R. Ramachandran, M.B.B.S. ..	Do.
PHARMACEUTICS DEPARTMENT.	
24 Sri K. S. Srinivasavaradan, M.SC. ..	Professor of Pharmaceutics.
25 Sri A. Sethu Pillai, B.SC. (Hons.) ..	Assistant Professor of Pharmaceutics.
26 Sri S. Ramamurthy, B.SC. (Phar.) ..	Assistant Professor of Pharmacognosy.
27 Sri M. V. Rama Rao, M.SC.	Assistant Professor of Pharmaceutics.
BACTERIOLOGY DEPARTMENT.	
28 Dr. N. R. Ratnakannan, M.D.	Professor of Bacteriology.
29 Dr. Kunthala Ramachandran, M.B.B.S. ..	Assistant Professor of Bacteriology.
30 Dr. A. K. Muthu, M.B.B.S.	Do.
31 Dr. Y. Sucharita, M.B.B.S.	Do.
PATHOLOGY DEPARTMENT.	
32 Dr. G. S. Viswanathan, M.D.	Professor of Pathology.
33 Dr. (Kumari) Grace Swamidasan, M.B.B.S.	Assistant Professor of Pathology.
34 Dr. A. Gajarajan, M.B.B.S.	Do.
35 Dr. K. Natarajan, M.B.B.S.	Do.
36 Dr. S. Narayana Rao, M.B.B.S.	Do.
37 Dr. P. G. Paul, M.B.B.S.	Do.
38 Dr. K. Arumugham, M.B.B.S.	Do.
HYGIENE DEPARTMENT.	
39 Dr. N. Parthasarathy, B.S.SC.	Professor of Hygiene.
40 Dr. R. Sambamurthy, B.S.SC.	Assistant Professor of Hygiene.
41 Dr. Padmanabha Iyer	Do.
42 Sri L. V. Doraiswamy	Lecturer in Medical Entomology.
43 Sri R. Krishnaswamy	Instructor in Elementary Sanitary Engineering.

Serial number, name and qualification.	Designation.
FORENSIC MEDICINE DEPARTMENT.	
44 *Vacant*	Professor of Forensic Medicine.
45 Dr. Chandrasekharan, M.B.B.S.	Assistant Professor of Forensic Medicine.
46 Dr. P. V. Guharaj, M.B.B.S.	Do.
47 Dr. C. B. Gopalakrishnan, M.B.B.S. ..	Do.
MEDICINE DEPARTMENT.	
48 Dr. K. S. Sanjeevi, M.D.	Professor of Medicine.
49 Dr. S. T. Achar, M.D., F.R.C.P.	Professor of Paediatrics.
50 Dr. R. Subramaniam, M.D., M.R.C.P. ..	Professor of Therapeutics.
51 Dr. M. G. Prabhu, M.D.	Additional Professor of Medicine.
52 Dr. A. L. Annamalai, M.R.C.P. (Lond.) ..	Medical Registrar.
53 Dr. C. J. Aiyanadar, M.B.B.S., D.C.M. (Bom.)	Tutor in Paediatrics.
54 Dr. M. V. Korath, M.B.B.S.	Tutor in Medicine.
55 Dr. K. S. Mani, M.D.	Do.
56 Dr. S. Sambandam	Do.
57 Dr. (Kumari) V. S. Meenakshi, M.D. ..	Do.
58 Dr. K. V. Thiruvengadam, M.D.	Do.
59 Dr. K. S. Janagarathnam M.B.B.S. ..	Do.
60 Dr. P. Govinda Menon, M.B.B.S.	Tutor in *Pædiatrics*.
SURGERY DEPARTMENT.	
61 Dr. R. Mahadevan, M.S., F.R.C.S.	Professor of Surgery.
62 Dr. D. S. Iyer, M.S., F.R.C.S. (Eng.) ..	Professor of Operative Surgery.
63 Dr. V. R. Thayumanaswami, M.S., F.R.C.S.	Professor of Orthopædics.
64 Dr. G. Atmarama Rao, M.B., M.S.	Professor of Principles and Practice of Surgery.
65 Dr. B. Ramamurti, M.S., F.R.C.S.	Lecturer in Neurosurgery.
66 Dr. M. S. Ramakrishnan, M.S.	Surgical Registrar.
67 Dr. V. Sankaran, M.B.B.S.	Tutor in Surgery.
68 Dr. T. K. Shanmughasundaram, M.S. ..	Tutor in Orthopædics.
69 Dr. M. V. Bhat, M.S.	Tutor in Operative Surgery.
70 Dr. R. A. Varma, M.B.B.S., M.S.	Tutor in Surgery.

Serial number, name and qualification.	Designation.
SURGERY DEPARTMENT—*cont.*	
71 Dr. D. Lakshmanan, M.B.B.S., M.S. ..	Tutor in Surgery.
72 Dr. D. K. Parthasarathy, M.B.B.S.	Do.
73 Dr. K. Vasudevan, M.B.B.S.	Do.
74 Dr. A. Umapathy, M.S.	Do.
MIDWIFERY DEPARTMENT.	
75 Dr. (Mrs.) S. Abraham, M.D.	Professor of Midwifery.
76 Dr. A. K. Joseph, M.B.B.S.	Tutor in Midwifery.
77 Dr. Sitaratna, M.D.	Do.
78 Dr. P. D. Radha, M.B.B.S., D.G.O.	Do.
OPHTHALMOLOGY DEPARTMENT.	
79 Dr. T. T. Ramalingam, M.S.	Professor of Ophthalmology.
80 Dr. S. P. Subramaniam, M.B.B.S.	Tutor in Ophthalmology.
81 Dr. J. E. Abraham, M.S.	Do.
RADIOLOGY DEPARTMENT.	
82 Dr. K. M. Rai, F.R.C.S., D.M.R.	Hony. Professor of Radiology.
83 Dr. Y. Siddique, M.B.B.S., D.M.R.	Clinical Lecturer in Radiology.
84 Dr. Arthur Daniel, M.B.B.S., D.M.R. ..	Clinical Lecturer in Radiology (on study tour abroad).
85 Dr. K. Mahadevan Pillai, M.B.B.S., D.M.R.	Assistant Professor of Radiology.
86 Dr. T. K. Rithuparnam, M.B.B.S., D.M.R. ..	Lecturer in Radiology.
ANAESTHESIA DEPARTMENT.	
87 Dr. V. Rajagopalan, B.SC., M.B.B.S. ..	Lecturer in Anæsthesia.
88 Dr. S. A. Kabir, M.B.B.S.	Tutor in Anæsthesia (on study tour abroad).
89 Dr. S. Krishnan, M.B.B.S.	Tutor in Anæsthesia.
90 Dr. A. N. Sam Rao, M.B.B.S.	Do.
91 Dr. T. M. Ibrahim, M.B.B.S.	Do.
92 Dr. Padma Chandrahas, M.B.B.S.	Do.
93 Dr. S. N. Thyagarajan, M.B.B.S.	Do.

Serial number, name and qualification.	Designation.
Dermatology Department.	
94 Dr. J. Eapen, M.B.B.S.	Lecturer in Dermatology.
Dr. S. Z. Ahmed, M.B.B.S.	Tutor in Leprosy.
Dental Department.	
95 Dr. M. G. Rao, L.D.SC., R.C.S.	Professor of Dental Surgery.
96 Dr. K. Ramachandran, B.SC., B.D.S. ..	Assistant Professor of Dental Surgery.
97 Dr. S. K. Patel, B.D.S.	Do.
98 Dr. B. L. Narayana Rao	Do.
99 Dr. H. S. Coonar, B.D.S.	Do.
100 Dr. (Kumari) Sarala Sachdeva, B.D.S. ..	Do.
E.N.T. Department.	
101 Dr. C. Satyanarayana, M.S., D.L.O. ..	Professor of Ear, Nose and Throat Diseases.
102 Dr. Mohd. Ubeidullah, M.S.	Assistant Professor of Ear, Nose and Throat Diseases.
103 Dr. M. V. Kurian, M.B.B.S., D.L.O. ..	Do.
104 Dr. C. Govindaswami, M.B.B.S., D.L.O. ..	Do.
Mental Diseases.	
105 Dr. T. George, D.P.M. (Eng.)	Professor of Mental Diseases.
Tuberculosis.	
106 Dr. P. R. Mudaliar, M.D.	Professor of Tuberculosis.
107	.. ..
108 Dr. K. G. Menon, M.B.B.S.	Tutor.

Serial number, name and qualification.	Designation.
VENEREAL DISEASES DEPARTMENT.	
109 Dr. R. V. Rajam, M.R.C.P.	Director, Upgraded Institute of Venereology and Professor of Venereal Diseases.
Dr. P. N. Rangiah, M.D.	Associate Professor of Venereology.
110 Dr. C. W. Chacko, M.B.B.S., D.T.M.; Ph.D. ..	Associate Professor of Serology.
111 Dr. C. N. Sowmini, M.B.B.S., D.V. ..	Tutor in Venereal Diseases.
112 Dr. A. S. Thamibah, M.R.C.P. (Edin.) ..	Do.
113	.. ..
114 Dr. M. A. Hadi	Lecturer in Infectious Diseases.

ADMINISTRATIVE STAFF.

Dean	Dr. R. G. Krishnan, F.R.C.S.
Vice-Principal	Dr. T. Janardhanan, M.B.B.S , M SC.
Head Clerk	Sri K. Ramiah.
Accountant	Sri V. M. Sankunni Menon.
Cashier	Sri K. Natarajan.
Post-graduates Clerk	Sri P. Cunniah Naidu.
Progress Section Clerk ..	Sri C. T. Doraikannan.
'S' Section Clerk	Sri N. Bhaktavatsalam.
Accounts Section Clerk	Sri D. Balasubramaniam.
Fees and Tutorial System Clerk.	Sri U. Sadananda Vaidya.
Contingent Bill Clerk	Sri J. Shankar.
Despatching Clerk	Sri K. Seethapathi.
Steno-typist	Sri V. D. Ramaswamy.
Typist	Sri M. Sundararajan.
Do.	Sri K. Balasubramaniam.
Stenographer to the Professor of Medicine and Surgery.	Sri T. S. Ganesan.
Stenographer to the Professor of Pathology.	Sri S. Narayanamurty.
Typist to the Medical Registrar, Government General Hospital.	Sri Shyama Rao.
Artist	Sri P. C. Rajiah.
Draughtsman	Sri M. K. Kalyanasundaram.

LIBRARY.

Librarian	Sri R. Krishnamurthi.
Assistant Librarian	Kumari A. Meera Bai.
Clerk-*cum*-Typist	Sri Y. Mohanrangam.
Clerk	Sri S. Andiappan.

DAILY ORDER OF INSTRUCTION.

TIME-TABLE FOR FIRST YEAR M.B.B.S.—JULY TO DECEMBER 1957.

DAYS.	8-30 to 10-30 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Anatomy Dissection.	Organic Chemistry Lecture.	Anatomy Lecture.	Anatomy Demonstration—A.	Chemistry (Practical)—B.
Tuesday	Do.	Physiology Lecture ..	Do.	....	Experimental Physiology—B. Histology—A.
Wednesday ..	Do.	Organic Chemistry Lecture.	Do.	Anatomy Demonstration—B.	Chemistry (Practical)—A.
Thursday	Do.	Physiology Lecture ..	Do.	....	Experimental Physiology—A. Histology—B.
Friday	Do.	Organic Chemistry Lecture.	Do.	Anatomy Demonstration—A and B.	3 to 4 p.m.—Physiology Tutorial —A and B.
Saturday	Do.	Physiology Lecture ..	Bio-Physics Lecture.	....	....

TIME-TABLE FOR SECOND YEAR M.B.B.S.—JANUARY TO MARCH 1958.

Days.	8-30 to 10-30 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.	2 to 4 p.m.
Monday	Anatomy Dissection—Regulars and Additionals.	Anatomy Lecture—Regulars and Additionals.	Physiology Lecture—Regulars and Additionals.	Anatomy Demonstration—B.	Physiology Tutorial—B.	Bio-Chemistry Practical—Additionals. Histology—A.
Tuesday	Do.	Do.	Bio-Chemistry Lecture—Regulars. Physiology Lecture—Additionals.	....	....	Experimental Physiology—B. Bio-chemistry Practical—A.
Wednesday ..	Do.	Do.	Physiology Lecture—Regulars and Additionals.	Anatomy Demonstration—A.	Physiology Tutorial—A.	Histology—B. Experimental Physiology—Additionals.
Thursday ..	Do.	Do.	Bio-Chemistry Lecture—Regulars.	Physiology Tutorial—B.	....	Experimental Physiology—A.
Friday	Do.	Do.	Physiology Lecture Regulars—and Additionals.	Physiology Tutorial—A.	Regulars—A.	Bio-Chemistry Practical—B. Experimental Physiology—Additionals.
Saturday ..	Anatomy Dissection—Regulars only.	Anatomy Demonstration—A and B.	Bio-Chemistry Lecture—Additional. Physiology Lectures—Regulars.	....	....	....

Practical Histology—Additionals—10 to 12.

TIME-TABLE FOR SECOND-YEAR M.B.B.S. AND ADDITIONALS—JULY TO DECEMBER 1957.

Days.	8-30 to 10-30 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Anatomy Dissection—Second year—Regular and Additionals.	Anatomy Lecture—Regular and Additionals.	Physiology Lecture—Regular and Additionals.	....	Bio-Chemistry (Practical)—Additionals. Experimental Physiology—B. Histology—A.
Tuesday	Do.	Do.	Bio-Chemistry Lecture—Regular.	Anatomy Demonstration—B.	Bio-Chemistry (Practical)—A.
Wednesday ...	Do.	Do.	Physiology Lecture—Regulars and Additionals.	Bio-Chemistry Lecture—Additionals.	Experimental Physiology—A. Histology—B.
Thursday ...	Do.	Do.	Bio-Chemistry Lecture—Regulars.	Anatomy Demonstration—A.	Bio-Chemistry (Practical)—B. (To alternate A and B.).
Friday	Do.	Do.	Physiology Lecture—Regulars and Additionals.	Physiology Tutoria/—A.	Bio-Chemistry (Practical)—B. Histology Practical—Additionals.
Saturday ..	Anatomy Dissection—Regulars.	Anatomy Demonstration—A and B.	Physiology Tutorial—Regulars.	Physiology Tutorial—B.	....

Additionals—Experimental Physiology (Practical)—10 to 12.

TIME-TABLE FOR FIRST CLINICAL YEAR (THIRD YEAR M.B.B.S.) STUDENTS—JULY TO DECEMBER 1957 AND JANUARY TO MARCH 1958.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4-30 p.m.
Monday	Hospital Postings	Surgery (S.W.)	Bacteriology (N.E.)	Pathology (Practical) and Demonstration—B. Pharmacology (Practical)—A.
Tuesday	Do.	Medicine (N.E.)	Pharmacology (N.E.)	Bacteriology (Practical) and Demonstration—A. Pharmacology (Practical)—B.
Wednesday	Do.	*Forensic Medicine (S.W.).	Pathology (S.W.)	Pathology (Practical) and Demonstration—A Pharmacology Demonstration—B.
Thursday	Do.	Medicine (N.E.)	Bacteriology (N.E.)	Pharmacology Lecture.
Friday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pharmacology Demonstration—A. Bacteriology, Practical and Demonstration—B.
Saturday	Do.	*Forensic Medicine (N.E.).	....	....

*For seniors only.

TIME-TABLE FOR SECOND CLINICAL YEAR (FOURTH YEAR M.B.B.S.) STUDENTS.

July to September 1957.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	Medicine (N.E.)	Hygiene	Midwifery (N.E.).
Tuesday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pathology (Prl.).
Wednesday	Do.	* Forensic Medicine (S.W.).	Ophthalmology (N.E.).	Midwifery (N.E.).
Thursday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pathology (Prl.).
Friday	Do.	Medicine (N.E.)	* Pharmacology (N.E.)	Midwifery (N.E.).
Saturday	Do.	* Forensic Medicine (N.E.).	Hygiene (Practicals) or Excursions or Demonstration (2 to 5 p.m.).	..

October to December 1957.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	Medicine (N.E.)	Hygiene	Midwifery (N.E.).
Tuesday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pathology (Prl.).
Wednesday	Do.	* Forensic Medicine (S.W.).	Ophthalmology (N.E.)	Midwifery (N.E.).
Thursday	Do.	Ear, Nose and Throat Lecture.	Pathology (S.W.)	Pathology (Prl.).
Friday	Do.	Medicine (N.E.)	* Pharmacology (N.E.)	Midwifery (N.E.).
Saturday	Do.	* Forensic Medicine (N.E.).	Hygiene, Practicals or Excursion or Demonstration (2 to 5 p.m.)	..

January to March 1958.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	Medicine (N.E.)	Hygiene	* Pharmacology.
Tuesday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pathology (Pr.).
Wednesday	Do.	* Forensic Medicine (S.W.).	Ophthalmology (N.E.)	Hygiene.
Thursday	Do.	Surgery (S.W.)	Pathology (S.W.)	Pathology (Pr.).
Friday	Do.	Medicine (N.E.)	*Pharmacology	....
Saturday	Do.	* Forensic Medicine (N.E.).	Hygiene Practicals or Excursion or Demontration (2 to 5 p.m.).	....

* For Juniors only.

Time-table for Final Year M.B.B.S. Students.

July to September 1957.

Days	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	....	Biochemistry	....
Tuesday	Do.	(Operative Surgery.)		Hygiene.
Wednesday	Do.	Medical Therapeutics	Pediatrics	Midwifery (for additional students).
Thursday	Do.	(Operative Surgery.)		Hygiene.
Friday	Do.	Hygiene	Biochemistry (1-30 to 2-30 p.m.).	....
Saturday	Do.	Surgical Pathology	....	....

October to December 1957.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	....	....	....
Tuesday	Do.	(Operative Surgery.)		Hygiene.
Wednesday	Do.	Applied Physiology	Pediatrics	Forensic Medicine (additional).
Thursday	Do.	(Operative Surgery.)		Hygiene.
Friday	Do.	....	....	....
Saturday	Do.	Surgical Pathology	....	....

January to March 1958.

Days.	7 a.m. to 12 noon.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Hospital postings	Dental Surgery	* Anæsthesia	† Midwifery.
Tuesday	Do.	(Operative Surgery.)		Hygiene.
Wednesday	Do.	Medical Therapeutics	Forensic Medicine (additional).	Midwifery (additional).
Thursday	Do.	(Operative Surgery.)		Hygiene.
Friday	Do.	....	....	† Midwifery.
Saturday	Do.	Surgical Pathology	....	....

* Six lectures in all.

† For fourth year July batch students also.

TIME-TABLE FOR B.PHARMACY—FIRST YEAR—1957–58.

Days.	10 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	(Botany—Practical).		General Chemistry (L).	Organic Chemistry (Practical).	..
Tuesday	Physiology (L)	Physiology Practical (11 a.m. to 1 p.m.)—July to September 1957 and January to March 1958. [Bio-Chemistry from October to December 1957.]		Do.	..
Wednesday	Organic Chemistry (L).	General Chemistry	Botany (L) ..	General Chemistry (Practical).	..
Thursday	Physiology (L)	General Chemistry (Practical).		Zoology (Practical).	..
Friday	Zoology (L) ..	General Chemistry (L).	Organic Chemistry (L).	Organic Chemistry (Practical).	..
Saturday	....	General Chemistry (11 a.m. to 1 p.m.).		General Chemistry (Tutorial).	Organic Chemistry (Tutorial).

TIME-TABLE FOR B.PHARMACY—SECOND YEAR—(REGULAR)—1957–58.

Days.	10 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Pharmaceutics (L) ..	Practical Pharmacy and Dispensing.		Pharmaceutics (Practical) (2 to 4 p.m.).	
Tuesday	Pharmacology (L) ..	Organic Chemistry (L).	Pharmaceutical Chemistry (L).	Pharmacognosy (Practical) (2 to 4 p.m.).	
Wednesday	Pharmacognosy (L) ..	Pharmacology (L) ..	Do.	Pharmaceutics (Practical) (2 to 4 p.m.).	
Thursday	Pharmaceutics (L) ..	Organic Chemistry (L).	Pharmacognosy (L) ..	Organic Chemistry (Practical) (2 to 4 p.m.).	
Friday	Pharmaceutics (L) ..	Pharmaceutical Chemistry (Practical) (11 a.m. to 1 p.m.).		Pharmaceutical Chemistry (Practical) (2 to 4 p.m.).	
Saturday	Organic Chemistry (Tutorial).	Dispensing (11 a.m. to 1 p.m.)	... ..	Pharmacology Demonstration (1 to 2 p.m.).	

TIME-TABLE FOR B.PHARMACY—SECOND YEAR (ADDITIONAL) AND THIRD YEAR—1957-58.

Days.	10 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Practical Pharmaceutical Chemistry (10 a.m. to 1 p.m.).			Pharmacognosy (Practical) (2 to 4 p.m.).	
Tuesday	Practical Pharmaceutics (10 a.m. to 1 p.m.).			Pharmaceutical Chemistry (L).	Pharmacology (L).
Wednesday	Practical Pharmaceutical Chemistry (10 a.m. to 1 p.m.).			Pharmaceutics (L)	Practical Pharmacology for Additionals (3 to 4-30 p.m.).
Thursday	Practical Pharmaceutics (10 a.m. to 1 p.m.).			Pharmaceutical Chemistry (L).	Practical Organic Chemistry for Additionals (3 to 4-30 p.m.).
Friday	Bacteriology (L)	Bacteriology (Practical.)		Pharmaceutics (L)	Pharmaceutical Chemistry (L).
Saturday	Pharmacognory (Practical) (10 a.m. to 12 noon)		Pharmacognory (L)	Pharmaceutical Chemistry (L).	Pharmacology for Additionals (L).

TIME-TABLE FOR THE SANITARY INSPECTOR'S COURSE STUDENTS—JULY TO SEPTEMBER 1957.

Days.	10 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Sanitary Engineering.	Hygiene	Bacteriology	....	Entomology	....
Tuesday	Physiology	Do.	..	....	..	....
Wednesday	..	Sanitary Engineering.	Bacteriology	....	Parasitology	....
Thursdny	Physiology	Hygiene	Entomology	....	Do.	....
Friday	..	Parasitology	Do.	....	Public Health Administration	....
Saturday	Physiology	Hygiene	Drawing	....	Demonstration	....

TIME-TABLE FOR THE FIRST YEAR B.D.S.—1957–58 BATCH.

Days.					
Monday	8-30 to 10-30 a.m. Anatomy (Practical). (Anatomy Block.)	11 a.m. to 12 noon. Anatomy Lecture.	12 noon to 1 p.m. Lunch Hour.	1 to 2 p.m. Prosthetics (Lecture.)	to 4 p.m. Prosthetics Lab. (Dental Wing.)
Tuesday	8 to 10 a.m. Anatomy (Practical). (Anatomy Block.)	10 to 11 a.m Physiology. (Physiology Block.)	11 a.m. to 1 p.m. Physiology (Practical).	1 to 2 p.m. Lunch.	2 to 4 p.m. Prosthetics Lab. (Dental Wing.)
Wednesday	8-30 to 10-30 a.m. Anatomy (Practical). (Anatomy Block.)	11 a.m. to 12 noon. Anatomy Lecture. (Anatomy Block.)	12 noon to 1 p.m. Lunch.	1 to 2 p.m. Dental Materials (Lecture).	2 to 4 p.m. Dental Materials Lab. (Dental Wing.)
Thursday	8-30 to 10 a.m. Anatomy (Practical). (Anatomy Block.)	10 to 11 a.m. Physiology Lecture. (Physiology Block.)	11 a.m to 1 p.m. Physiology (Practical.)	1 to 2 p.m. Lunch.	2 to 4 p.m. Prosthetics Lab. (Dental Wing.)
Friday	8-30 to 10-30 a.m. Anatomy .. (Anatomy Block.)	11 a.m. to 12 noon. Dental Materials Lecture. (Dental Wing.)	12 noon to 1 p.m. Lunch.	1 to 4 p.m. Prosthetic Lab. (Dental Wing.)	
Saturday	8-30 to 10-30 a.m. Anatomy (Practical). (Anatomy Block.)	11 a.m. to 12 noon. Tooth Morphology (Lecture). (Dental Wing.)	12 noon to 1 p.m. Lunch.	1 to 4 p.m. Tooth Morphology Lab. (Dental Wing.)	

TIME-TABLE FOR THE SECOND YEAR B.D.S.—JULY 1957–MARCH 1958.

Days.						
	8 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	1 to 2 p.m.	2 to 3 p.m.	3 to 4-30 p.m.
Monday	Prosthetic Lab. ..	Pathology (Lecture).	Pathology (Practical).	....	Pharmacology (Lecture).	Pharmacology (Practicals).
	8 to 11 a.m.	11 a.m. to 12 noon.	12 noon to 1 p.m.	2 to 3 p.m.	3 to 4 p.m.	
Tuesday	Prosthetic Lab.	Bacteriology (Lecture .	Bacteriology (Practicals).	Oral Histology (Lecture).	Oral Histology Lab.	
	8 to 11 a.m.	11 a.m. to 12 noon.	1 to 2 p.m.		2 to 4 p.m.	
Wednesday	Tooth Morphology Lab.	Tooth Morphology (Lecture) (Comparative Dental Anatomy Mid-term Lecture).	First and last term.	O.D.S. Lecture.	O.D.S. Lab.	
	8 to 9 a.m.	9 to 10 a.m.	10 to 11 a.m.	11-15 a.m. to 1-15 p.m.	2-15 to 4-15 p.m.	
Thursday	Prosthetic (Lecture).	Oral Anatomy ..	Oral Physiology (Lecture).	Pharmacology Lecture and Practicals.	O.D.S. Lab.	
	8 to 11 a.m.	11 a.m. to 12 noon.	1 to 2 p.m.	2 to 4 p.m.		
Friday	Prosthetic Lab. ..	Pharmacology Lecture.	O.D.S. Lecture.	O.D.S. Lab.		
Saturday	Do. ..	Prosthetic Lecture.	O.D.S. Lab.	....		

Time-table for the Third Year B.D.S.—June 1957–March 1958.

Days.					
	7-30 to 10-30 a.m.	10-30 a.m. to 12-30 p.m.	12-30 to 1-30 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday ..	.. Dental O.P. Clinics.	Surgical Wards ..	.. Surgery (Lecture) ..	O.D.S. (Lecture)	.. O.D.S. Lab.
	7-30 to 10-15 a.m.	10-30 a.m. to 12-30 p.m.	1-30 to 3 p.m.		3 to 4 p.m.
Tuesday ..	.. Dental O.P. Clinics.	Medical Wards ..	.. Prosthetic Laboratory	.. ..	.. Anaesthesia (Lecture).
	7-30 to 10-15 a.m.	10-30 to 11-30 a.m.	11-30 a.m. to 12-30 p.m.	12-30 to 1 p.m.	2 to 4 p.m.
Wednesday..	.. Dental O.P. Clinics.	Prosthetic Lecture ..	.. O. Pathology ..	Medicine (Lecture)	.. Prosthetic Laboratory.
	7-30 to 9 a.m.	10 to 11 a.m.	11 a.m. to 12 noon.		1 to 4 p.m.
Thursday ..	.. Surgical and Medical O.P.	Crown and Bridge ..	.. Exodonatia and Anaesthesia ..	..	.. Prosthetic Lab.
	7-30 to 10-15 a.m.	10-30 a.m. to 12-30 p.m.	1-30 to 2-30 p.m.		2-30 to 4 p.m.
Friday ..	.. Dental O.P. Clinics.	Surgical Wards ..	.. Oral Pathology ..	.. ..	.. O. Pathology (Practical).
	7-30 to 10-15 a.m.	10-30 a.m. to 12-30 p.m.	1-30 to 4 p.m.		
Saturday ..	.. Dental O.P.Clinics.	Medical Wards ..	.. Prosthetic Laboratory.		

TIME-TABLE FOR B.S.Sc. AND L.P.H. CLASSES—1957–58.

July, August and September 1957.

Days.	10 to 11 a.m.	11 a.m. to 2 p.m.	2 to 3 p.m.
Monday	Public Health (Lecture)	Public Health (Lecture) and Chemistry (Practical).	Bacteriology (Lecture).
Tuesday	Do.	Do.	Parasitology (Lecture).
Wednesday	Do.	Do.	Do.
Thursday	Do.	Do.	Bacteriology (Lecture).
Friday	Do.	Do.	Do.
Saturday	Climatology and Meteorology.	Do.	....

October and November 1957.

Days.	10 to 11 a.m.	11 a.m. to 12-30 p.m.	12-30 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.
Monday	Sanitation Lecture	Bacteriology (Practical).	Entomology (Practical).	Bacteriology (Lecture).	....
Tuesday	Do.	Do.	Do.	Parasitology (Lecture).	....
Wednesday	Do.	Do.	Do.	Do.	....
Thursday	Do.	Do.	Do.	Bacteriology (Lecture).	Disease of animals transmissible to man at the Veterinary College.
Friday	Do.	Do.	Do.	Bacteriology.	....
Saturday	Do.	Do.	Do.	....	....

December 1957.

1st to 15th December—10 a.m. to 4 p.m.—Malariology (Lecture) and Demonstrations.

16th to 31st December—10 a.m. to 4 p.m.—King Institute, Guindy—Training in Sections of Serology, Virus, Vaccines and Anti-Toxine, Sera, B.C.G. and Water and Food Analysis.

D.M.R.—Time-table—Junior and Senior.

D.M.R. Senior.			*JD.M.R. unior.*		
Monday	Diagnostic Radiology	9 to 10 a.m.	Monday	2 to 3 p.m.	Dark room Technique and Principles of Diagnosis.
Tuesday	X-ray Therapy	Do.	Tuesday	2 to 3 p.m.	Physics (Lectures).*
Wednesday	X-ray and Radium Therapy.	Do.	Wednesday	11 a.m. to 1 p.m.	Physics (Practicals).†
				2 to 3 p.m.	Anatomy and Radiographic Technique.
Thursday	Diagnosis	Do.	Thursday	2 to 3 p.m.	Principles of Radio Therapy.
				4 to 6 p.m.	Minor Electrical Engineering.
Friday	Diagnosis	Do.	Friday	4 to 6 p.m.	Do.
Saturday	Ward rounds and Clinical teaching—Nursing.	9 to 11 a.m.	Saturday	9 to 10 a.m.	Physics (Lectures).*
				2 to 4 p.m.	Physics (Practical).

* In the B.I.R. Lecture Hall.

† In the Presidency College, Madras.

‡ In the College of Engineering, Guindy.

Posting Roll of Hospital duty for First Year Clinical study (Third Year M.B.B.S. Students)—January to December 1957.

(New Regulations.)

Government Ophthalmic Hospital, Madras—8 to 9 a.m. on Tuesdays, Thursdays and Saturdays in January to March, 1957.	Introduction to: Pathology and Bacteriology—9 to 10 a.m. on Mondays, Wednesdays and Fridays only in January 1957.	Introduction to: Clinical Medicine 10 a.m. to 12-30 p.m.	Introduction to: Clinical Surgery 10 a.m. to 12-30 p.m.	Introduction to: Clinical Pathology and Psychiatrics 10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Medical wards—10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Surgical wards—10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Medical out-patients—7 to 9 a.m.	Government General Hospital, Madras: Surgical out-patients—7 to 9 a.m.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I BATCH.								
January 1957 to March 1957.	All students, January 1957, 1st to 15th Pathology, 16th to 31st Bacteriology.	January 1957.	February 1957.	March 1957, Tuesdays, Thursdays and Saturdays Clinical Pathology. Mondays Wednesdays and Fridays Psychiatry.	....	....	....	....
II BATCH.								
....	....	March 1957.	January 1957.	February 1957, Tuesdays, Thursdays and Saturdays Clinical Pathology. Mondays, Wednesdays and Fridays Psychiatry.	....	....	....	....

POSTING ROLL OF HOSPITAL DUTY FOR FIRST YEAR CLINICAL STUDY (THIRD YEAR M.B.B.S. STUDENTS)—JANUARY TO DECEMBER 1957—*cont.*

(*New Regulations.*)

Government Ophthalmic Hospital, Madras—8 to 9 a.m. on Tuesdays, Thursdays and Saturdays in January to March 1957.	Introduction to: Pathology and Bacteriology—9 to 10 a.m. on Mondays, Wednesdays and Fridays only in January 1957.	Introduction to: Clinical Medicine 10 a.m. to 12-30 p.m.	Introduction to: Clinical Surgery 10 a.m. to 12-30 p.m.	Introduction to: Clinical Pathology and Psychiatrics 10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Medical wards—10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Surgical wards.—10 a.m. to 12-30 p.m.	Government General Hospital, Madras: Medical out-patients—7 to 9 a.m.	Government General Hospital, Madras: Surgical out-patients—7 to 9 a.m.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				III PATCH.				
....	....	February 1957.	March 1957.	January 1957, Tuesdays, Thursdays and Saturdays Clinical Pathology. Mondays, Wednesdays and Fridays Psychiatry.	....	....	....	....
				IV BATCH.				
..	....	....	....	....	June, July and August 1957.	September, October and November 1957.	June 1957.	September 1957.
				V BATCH.				
....	....	....	....	....	September, October and November 1957.	June, July and August 1957.	September 1957.	June 1957.

POSTING ROLL OF HOSPITAL DUTY FOR SECOND YEAR CLINICAL (FOURTH YEAR M.B.B.S.) STUDENTS—JANUARY TO MARCH 1957.

(New and Old Regulations.)

Government Ophthalmic Hospital, Madras. (1)	Government Hospital for Women and Children, Madras. (2)	Medical wards—10 a.m. to 12-30 p.m. (3)	Surgical wards—10 a.m. to 12-30 p.m. (4)	* E.N.T. department—7 a.m. to 12 noon exception days when there is P.M. (5)	* Dental department—7 a.m. to 10 a.m. (6)	V.D. department—10 a.m. to 12 noon. (7)	Pediatrics wards—10 a.m. to 12-30 p.m. (8)	Dermotology—7 a.m. to 10 a.m. (9)	Anaesthesia and Radiology. (10)	Tuberculosis Institute, Egmore—7 a.m. to 9-30 a.m. (11)	Infectious Diseases Hospital—7 a.m. to 9-30 a.m. (12)
I BATCH.											
1st September to 15th October 1957—on Mondays, Thursdays and Saturdays.	1st September to 15th October 1957 on Tuesdays and Wednesdays and Fridays.	June 1957.	March 1957.	January 1957, 1st to 15th.	February 1957, 1st to 15th.	February 1957, 16th to 28th.	July 1957.	January 1957, 16th to 31st.	August 1957, 1st to 15th. Anaesthesia, 16th to 31st. Radiology.	February 1957, 16th to 28th.	1st to 15t March 1957.
16th October to 30th November 1957, on Tuesdays, Wednesdays and Fridays.	16th October to 30th November 1957, on Mondays, Thursdays and Saturdays.	..	..	..	..	..	..	..	..	..	..

POSTING ROLL OF HOSPITAL DUTY FOR SECOND YEAR CLINICAL (FOURTH YEAR M.B.B.S.) STUDENTS—JANUARY TO MARCH 1957—*cont.*

(New and Old Regulations.)

Government Ophthalmic Hospital, Madras. (1)	Government Hospital for Women and Children, Madras. (2)	Medical wards—10 a.m. to 12-30 p.m. (3)	Surgical wards—10 a.m. to 12-30 p.m. (4)	* E.N.T. department 7 a.m. to 12 noon exception days when there is P.M. (5)	* Dental department—7 a.m. to 10 a.m. (6)	V.D. department—10 a.m. to 12 noon. (7)	Pediatrics wards—10 a.m. to 12-30 p.m. (8)	Dermotology—7 a.m. to 10 a.m. (9)	Anaesthes'a and Radiology. (10)	Tuberculosis Institute, Egmore—7 a.m. to 9-30 a.m. (11)	Infectious Diseases Hospital—7 a.m. to 9-30 a.m. (12)
II BATCH.											
1st September to 15th October 1957, Tuesdays Wednesdays and Fridays.	1st September to 15th October 1957, on Mondays Thursdays and Saturdays.	July 1957.	June 1957.	..	February 1957, 16th to 28th.	January 1957, 1st to 15th.	August 1957.	February 1957, 1st to 15th.	16th to 31st January-Anaesthesa 16th to 31st March, 1957 Radiology.	January 1957 1st to 15th.	July 1957, 1st to 15th.
16th October to 30th November 1957, on Mondays, Thursdays and Saturdays.	16th October to 30th November 1957 on Tuesdays, Wednesdays and Fridays.	..	..	..	..	..	..	..	..	..	..

P. M.=Post Mortem.

* Students will attend Post-mortem postings *in the period* of their Dental, E.N.T. and Dermatology postings after 10 a.m.

POSTING OF HOSPITAL DUTY FOR THIRD YEAR CLINICAL (FINAL YEAR M.B.B.S.) STUDENTS—JANUARY TO NOVEMBER 1957.

(New Regulations.)

Lying-in wards, Government Hospital for Women and Children (including one month internment).	Medical wards, 10 a.m. to 12-30 p.m. (including one month internment).	Surgical wards—10 a.m. to 12-30 p.m. (including one month internment).	Medical out-patients, 7 to 9 a.m.	Surgical out-patients, 7 to 9 a.m.	Orthopaedics, 8 to 9-30 a.m.	Physiotherapy after 2 p.m.	Leprosy Department, 8 to 10 a.m.	Pediatrics Department 7 a.m. to 12-30 p.m.	Government Mental Hospital, Madras, 8 to 9-30 a.m.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				I BATCH.					
January, February and March 1957.	June and July 1957.	September, October and November 1957.	June 1957 ..	September 1957.	October 1957.	1st to 15th June 1957.	1st to 15th November 1957.	August 1957,	July 1957.
				II BATCH.					
September, October and November 1957.	January and February 1957.	June, July *and* August 1957.	January 1957.	June 1957.	July 1957.	16th to 30th June 1957.	1st to 15th August 1957.	March 1957.	February 1957.

I Batch of students will attend lectures in Elementary Nursing from 16th to 30th June from 3 to 4 p.m.

II Batch of students will attend lectures in Elementary Nursing from 1st to 15th June 1957 from 3 to 4 p.m.

Postings in Dietetics lectures will be issued separately.

Posting Roll of Hospital Duty for Final Year M.B.B.S. Students—January to November 1957.

(Old Regulations.)

Government Hospital for *Women and Children*, Madras (including one month internment.)	Government General Hospital.						
	Medical wards, 10 a.m. to 12 noon.	Surgical wards, 10 a.m. to 12 noon.	*Medical out-patients*, 7 to 9 a.m.	Surgical out-patients, 7 to 9 a. m.	Pediatrics Department, 10 a.m. to 12–30 p.m.	Orthopaedics Radiology, Orth.—Tuesdays, Wednesdays and Fridays, 8 to 9–30 a.m. Radiology, Mondays, Tuesdays and Saturdays.	Mental Hospital, Madras, 8 to 9–30 a.m.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ALL STUDENTS (13).							
September, October and November 1957.	February and March 1957.	June, July and August 1957.	January 1957 ..	July 1957 ..	January 1957 ..	July and August 1957 ..	March 1957.

PROBABLE WEEK AND MONTH OF THE COMMENCEMENT OF THE PRIZES AND SESSIONAL EXAMINATIONS FOR THE YEAR 1957-58.

July 1957 ..	No sessional examination or prize examination.
August 1957 ..	Do.
September 1957 ..	First sessional examination in Chemistry (Second week). Sessional examination in Anatomy for First M.B.B.S., Second M.B.B.S. and First B.D.S. students (last week).
October 1957 ..	No sessional or prize examinations.
November 1957 ..	1. Sessional examinations in — (i) Hygiene and Preventive Medicine (11th November 1957). (ii) Forensic Medicine (First week). (iii) Examination in Surgery (Second week). 2. Prize examinations for — (*a*) McNally Memorial Prize in *Hygiene* (25th November 1957). (*b*) Rama Rao Gold Medal in *Anatomy* (Second week). (*c*) Thompson Memorial Prize examination (second week). (*d*) Prize examination in Surgery (third week). *November third week—II* M.B.B.S. *Sessional examination.*
December 1957 ..	Second *sessional examination in* Chemistry *(second* week). *Sessional examination in Anatomy for First year* M.B.B.S. and First B.D.S. students (third week).
January 1958 ..	No sessional and prize examination.
February 1958 ..	Do.
March 1958 ..	Sessional examination in Hygiene and Preventive Medicine (*second Monday of March 1958*). Third sessional examination in Chemistry (second week). Sessional examination in Forensic Medicine (first week of March). Sessional examination in Surgery (second week). March third week—II M.B.B.S. Sessional examination including prize examination in Pharmacology.
April 1958 ..	No sessional or prize examination.
May 1958 ..	Do.
June 1958 ..	Do.

RESULTS OF THE POST-GRADUATE DIPLOMA AND DEGREE EXAMINATION—1956-57.

D.G.O. Examination—October 1956.

1 Dr. Gowri, B.
2 „ Lakshmi, P.
3 „ Mathew Elizabeth.
4 „ Marya Trivedi.
5 „ Rajkumari Luthra.
6 „ Ramani Bai, P.
7 „ Santosh Bhatia.
8 „ Shan Thapur.
9 „ Thankamma Abraham.
10 „ Velayudhan, G.

D.V. Examination—October 1956.

1 Dr. Mendu Subba Rao.

D.O. Examination—October 1956.

1 Dr. Kalidasan, C. S.
2 „ Mukhopadyay, P.
3 „ Radhakrishnamurthy, G.
4 „ Rao, T. S.

D.L.O. Examination—October 1956.

Part I .. Dr. Bail Venkatesh.
Part II .. „ Balagopalan, P.
„ Srinivasulu, N. P.

D.R. Examination—Part II—October 1956.

Two appeared and none passed.

T.D.D. Examination (University)—January 1957

1 Dr. Ganapathy, T.
2 „ Krishnan, G. A.
3 „ Parthasarathy, A. L.
4 „ Sheik Abdul Rahim.

M.D. Degree Examination—Branch II—March 1957.

1 Kamala Balakrishna Dave.
2 Durairaj, M.
3 Mahindra, S. K.
4 Ramadass, T.
5 Bail Venkatesh.

M.S. Degree Examination—Branch I—March 1957.

1 Govindarajulu, N. (Ophthalmology).

D.G.O. Examination—April 1957.

1 Bimla Karan Singh.
2 Chandra, M.
3 Leelavathi, B.
4 Leelavathi, N. P.
5 Pushpa Sood.
6 Satwant Kuar Sokhi.
7 Subhadra, M.
8 Sulochanna, J. T.

M.B.B.S. Final—Old Regulations, December 1956.

'List of candidates passed out'

1 Abdul Rahiman Shakir, M.
2 Lalitha, V.
3 Mrs. Kathija Malick.
4 Muthusamy, M.
5 Samuel Devaraj, K.
6 Mrs. Saroja Ramamurthi.
7 Tara Bai, M.
8 Abdul Majith, S. B.
9 Ajit Singh.
10 Amalraj, S.
11 Ananthakrishnan, B.
12 Appaswamy, L.
13 Arunachalam, V. S. P.
14 Balasubramaniam, S. R.
15 Balakrishnan.
16 Bharati, L.
17 Chandra, P.
18 Devasigamani, G.
19 Dakshinamurthy, C. R.
20 Dennis Lopes, A.
21 Gopalakrishnan, B.
22 Gopalan, K.
23 Gopinath Pai, B. H.
24 Guhanandan, M.
25 Hari, M.
26 Indira Devi, S.
27 Jayachandran, P.
28 Kamala Bai, K. G.
29 Kanthamani, P. N.
30 Kausalya, S.
31 Khairunissa.
32 Krishnan, C.
33 Mohamed Mallick Ahamed, G.
34 Manivannan, S. M.
35 Manohar, K. A.
36 Meera Bai, M.
37 Minakshisundaram, E.
38 Mohan Raj, S.
39 Mohamed Ali Schamnad.
40 Munover Khan, M. A.
41 Muthamma, B. K.
42 Muthuswamy, T. C.
43 Nagabushanam, S.
44 Nagaraja Sundaramoorthy, M.
45 Narayanan, A.
46 Narayanan, V. L.
47 Narendrakuma Shakla.
48 Narmadha, V. R.
49 Natesan, S.
50 Neelayathakshi, S.
51 Nithyanandam, K. M.
52 Padmanabha Naidu, P.
53 Padmavathi, K. N.
54 Palaniappan, S. M.
55 Palaniswami, C.
56 Prabhakar, M. P.
57 Rajaratnam Chandra.
58 Ramamurthy. P.
59 Ramanathan, K. S.
60 Rangaratnam, S.
61 Ramaswamy, P. J.
62 Rukmani, S.
63 Sampath, M. M.
64 Saradha, L. (Sivaganga).
65 Sarojini Devi, P.
66 Saradha, C. J.
67 Sheriff, K. G.
68 Sitharaman, B.
69 Sivaramakrishnan, M.
70 Soundara Pandian, K.
71 Srinivasa Hebbar, A.
72 Srinivasa Kousalya, M.
73 Srinivasan, A.
74 Sadhakaran, I.
75 Sukumaran, K. G.
76 Suseela, P.
77 Thulasimani, N.
78 Venkataraman, R.
79 Venkatasubba Rao, K.
80 Vittal Rao, K. R.
81 Wilson, B. S.

M.B.B.S. Final, Part II—New Regulations.

1 Bharati, T. A. S.
2 Bhaskaracharya, B.
3 Eswaran, S. E.
4 Hyma Ben.
5 Imtiaz Ahmed Khan, J.
6 Kallianikutti, C. P.
7 Kanth, K. L.
8 Krishna Chandra Saksena.
9 Krishnan, C.
10 Lalitha, V. S.
11 Mathangi, K.
12 Murali, N. S.
13 Narasimhan, P.
14 Narayanan, D.
15 Nirmala Rao, K.
16 Prabhakara Shenoi, K.
17 Prabhakar, V.
18 Prasan, N. G.
19 Premila, S.
20 Ragini Devi, M. V.
21 Rajagopalan, K. C.
22 Sathiasundari, N. S.
23 Seethamani, P.
24 Shamsuddin, P.
25 Sockalingam, S.
26 Srivatsa, S. R.
27 Sulochana, L.
28 Vatchala, S.
29 Venkatakrishnan, R.
30 Vijaya, S.

QUESTION PAPERS.

Question papers for the Medical Examinations—[First, Second and Final M.B.B.S., B. Pharm. (Preliminary and Final)—Intermediate Science in Nursing, B.Sc. Degree in Nursing, M.D., M.S., and B.D.S. Examinations], March—April 1956.

FIRST M.B.B.S. EXAMINATION, APRIL 1956.

Anatomy (including Elements of Human Embryology).

Time : Three hours. Maximum : 100 marks.

Answer Sections I and II in separate books.

Section I.

MARKS.

1. Describe the Trigone of the urinary bladder. Give the development of the urinary bladder. 18

2. Give the relations of the knee joint. 16

3. Describe the parotid gland and indicate briefly its development. 16

Section II

4. Describe in detail the following muscles :—
   (i) Serratus anterior.
   (ii) Internal oblique. 16

5. Give the development of the first branchial arch mentioning the various structures derived from it. 18

6. Describe briefly the blood supply of the brain. 16

FIRST M.B.B.S. EXAMINATION, APRIL 1956.

Physiology (including Biophysics and Biochemistry).

Time : Three hours. Maximum : 100 marks.

Candidates must use separate books for Sections I and II.

Illustrate your answer with diagrams where possibile.

Section I.

MARKS.

1. Draw a sketch of the minute structure of the cerebellar cortex and describe its functions. 15

2. What do you know of the blood volume ? Describe briefly a method for its estimation. 15

3. Write short notes on—
   (i) Vit-K.
   (ii) Taste bud.
   (iii) Corpus luteum.
   (iv) Rigor mortis. 20

FIRST M.B.B.S. EXAMINATION, APRIL 1956—*cont.*

Physiology (including Biophysics and Biochemistry)—cont.

Section II.

MARKS.

4. Discuss the role of insulin in the body. 16

5. Draw and describe the minute structure of the Retina and discuss its functions. 16

6. Write short notes on—
(i) Alkali reserve.
(ii) Berger rhythm.
(iii) Caisson disease. 18

SECOND M.B.B.S. EXAMINATION, APRIL 1956.

(New Regulations)

General Pathology with Bacteriology.

Time: Three hours. Maximum: 100 marks.

Candidates must use separate answer books for Sections I and II.

Section I.

MARKS.

1. Mention the varieties of gangrene and describe briefly the pathogenesis of each. 16

2. Describe briefly the various methods of spread of tuberculous infection in the human body. Mention the changes in the lung in primary infection with tuberculosis. 16

3. Write short notes on—
(i) Aschoff nodule.
(ii) Basal cell carcinoma.
(iii) Thyrotoxicosis. 18

Section II.

4. What organisms cause gas gangrene? Describe the morphology, staining and biochemical characters of the most commonly aetiologically related organisms of the group. 16

5. Describe the life cycle of Taenia Solium and describe the pathological changes in man due to infection with this worm. 16

6. Write short notes on—
(i) Pfeiffers phenomenon.
(ii) Bacteriophage.
(iii) Negri bodies. 18

Second M.B.B.S. Examination, April 1956.

Part II—(Old Regulations)—General Pathology with Bacteriology.

Time : Three hours. Maximum : 100 marks.

Candidates must use separate answer books for Sections I and II.

Section I.

MARKS.

1. Discuss the pathology of the different types of oedema. 16

2. Describe the post-mortem changes in a person who died of cirrhosis of the liver. 16

3. Write short notes on—
   (i) Infective Hepatitis.
   (ii) Hypernephroma.
   (iii) The gastric contents in carcinoma of the stomach. 18

Section II.

4 Describe the life cycle and pathogenesity to man of the Echinococcus granulosus. 16

5. Give the morphological and cultural characters of Vibrio cholera. How would you proceed to isolate and identify the organism from a specimen of stools. 16

6. Write short notes on—
   (i) Anaphylaxis.
   (ii) Koch's postulates.
   (iii) Opsonins. 18

Second M.B.B.S. Examination, April 1956.

(Old and New Regulations).

Pharmacology (including Pharmacotherapeutics).

Time : Three hours. Maximum : 100 marks.

Sections I and II must be answered in separate books.

Section I.

MARKS.

1. Mention the names of four important water soluble vitamins. Describe their mode of action and therapeutic uses. 17

2. Classify Parasympathomimetic drugs. Give the actions and therapeutic uses of one of them. 17

3. Write short notes on—
   (i) Idiosyncrasy.
   (ii) Homatropine.
   (iii) Gammexane.
   (iv) Oleum iodisatum. 16

SECOND M.B.B.S. EXAMINATION, APRIL 1956—*cont.*

(Old and New Regulations)—*cont.*

Pharmacology (including Pharmacotherapeutics)—cont.

Section II.

MARKS.

4. Describe the toxicity of the mercurial diuretics. Explain the various ways in which these drugs have been made more effective and less toxic. 17

5. Compare and contrast the following pairs of drugs :—
(i) Diamox and the organic mercurial diuretics.
(ii) Streptomycin and dihydro streptomycin. 17

6. What do you understand by the distribution and clearance of a drug? How do these factors influence its application in Chemotherapy. 16

SECOND M.B.B.S. EXAMINATION, APRIL 1956.

Part II—(Old Regulations) Hygiene and Preventive Medicine.

Time : Three hours. Maximum : 100 marks.

Sections I and II must be answered in separate books.

Section I. MARKS.

1. What are the various proximate principles of food. Recommend a balanced diet far a farm labourer. 17

2. What is meant by infant Mortality Rate? Outline a scheme for the provision of maternity and child welfare services for an urban area with twelve thousand population. 17

3. Write short notes on—
(i) Family Planning Clinic.
(ii) World Health Organization.
(iii) Quarantine.
(iv) Droplet Infection. 16

Section II.

4. State the diseases transmitted by a Mosquito. Give the life history of Culex Fatigans. State briefly the measures that you would take to control "Filaria"? 17

5. Mention the different types of domestic filters and state the essential features of a good filter. Describe the Pasteur Chamberland Filter. 16

6. What are the cardinal points of difference between a smallpox and chickenpox case? State the contraindication for smallpox vaccination. 17

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part I—(Old and New Regulations)—Ophthalmology.

Time : Three hours. Maximum { Old Reg : 75 marks. New Reg : 100 marks.

Section I. MARKS.

1. Describe the clinical appearance of a case of Bulbar type of Spring Catarrh (Vernal Conjunctivitis). Discuss its aetiology, symptoms, complications and treatment. 12

2. Give an account of the symptoms, signs and treatment of chronic serous cyclitis. 12

3. What do you understand by the term 'Aphakia'? How do you diagnose such a condition ? What glasses would you prescribe in a patient who was—

(*a*) Previously emmetropic.

(*b*) Previously hypermetropic to the extent of 4 Dioptres.

(*c*) Previously myopic to the extend of 6 Dioptres ? 13

Section II.

4. Describe the aetiology of Marginal Blepharitis. Give its signs, symptoms and treatment. 13

5. Describe the appearance of the fundus in a case of Diabetic retinopathy. 12

6. What are the signs and symptoms of chronic Simple Glaucoma ? Discuss its differential diagnosis. 13

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part II—Medicine—Paper I.

Time : Three hours. Maximum : 100 marks.

Sections I and II to be answered in separate books.

Section I. MARKS.

1. Describe the clinical picture and management of Diabetic Coma. 16

2. A young man of 24 years has a sudden attack of paraplegia. How would you proceed to arrive at a diagnosis of the cause ? 17

3. Give the aetiology, symptoms and signs of Acute Pericarditis. 17

FINAL M.B.B.S. EXAMINATION, APRIL 1956—*cont.*

Part II—Medicine—Paper I—cont.

MARKS.

Section II.

4. Enumerate the various causes of acute diarrhoea in children and state the general principles of its management. 16

5. Describe the clinical features of a typical case of Measles and mention the complications that may arise during its course. 16

6. Write short notes on :—

(*a*) Rawolfia Serpentina.

(*b*) Tetracycline.

(*c*) Barbiturates. 18

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part II—Medicine—Paper II.

Time : Three hours. Maximum : 100 marks.

Sections I and II to be answered in separate books.

MARKS.

Section I.

1. Give the aetiology, symptomatology and differential diagnosis of Agranulocytic Angina. 16

2. Describe the pathology, symptoms and signs of acute glomerulotubular nephritis. 16

3. Enumerate the common causes of generalised enlargement of the liver and discuss their differential diagnosis. 18

Section II.

4. Describe the symptoms and signs of Bronchial Asthma. How would you manage such a case during an attack ? 16

5. Mention the common protozoal infestations of the human intestines. Describe the pathology and symptomatology of any one of them. 17

6. What are the common anti-pyretic drugs used in clinical practice ? Describe their mode of action and therapeutic application. 17

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part II—Surgery—Paper I.

Time: Three hours. Maximum : 100 marks.

Sections I and II to be answered in separate books.

MARKS.

Section I.

1. Explain the mechanism of shock and fluid loss in extensive burns. Give an outline of the general principles to combat them. 17

2. Give the aetiology and describe the signs, symptoms, termination and treatment of acute lymphangitis of the lower limb. 17

3. An elderly man of sixty wants an operative cure of his inguinal hernia. What are the usual handicaps for operative treatment at this age? What steps will you take to make him safe for surgery? 16

Section II.

4. Describe the clinical features and management of a case of fracture of the lower epiphysis of the Humerus in a boy ten years old. What other associated injuries may complicate the process? 17

5. What are the different varieties of Ankylosis? What are the underlying pathological processes of their causation? How do you differentiate them? 17

6. What are the causes of the development of non-tender elastic swellings on the head? How will you assess their nature? 16

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part II—Surgery—Paper II.

Time : Three hours. Maximum : 100 marks.

Section I and II to be answered in separate books.

Section I.

MARKS.

1. Enumerate the likely conditions that may lead to the development of a discharging sinus on the lateral aspect of the chest at the level of the seventh rib. By what investigations and findings will you arrive at a correct diagnosis? 17

2. Give the aetiology and describe the clinical features of Pyloric Stenosis in an adult. What investigations will enable you to arrive at a diagnosis and to decide the nature of treatment suitable in a case? 17

3. Explain the origin and trace with anatomical relations the extent of the thyro-glossal duct. What clinical conditions can it give rise to and how will you diagnose them? 16

FINAL M.B.B.S. EXAMINATION, APRIL 1956—*cont.*

Part II—Surgery—Paper II—cont.

MARKS.

Section II.

4. What are the varieties of Tuberculous Peritonitis? Describe the pathology, clinical manifestations and diagnosis of the encysted type. 17

5. What are the varieties of Ectopa Testis? How can they threaten the well-being of the host? How will you treat a case of ectopa testis lying in the inguinal canal in a child ten years old? 16

6. Enumerate the varieties of Fistula-in-ano and explain the mode of their origin and extension. Why do fistulae tend to persist and how will you ensure success in treatment? 17

FINAL M.B.B.S. EXAMINATION, APRIL 1956.

Part II—Obstetrics and Gynaecology.

Time: Three hours. Maximum: 100 marks.

Sections I and II to be answered in separate books.

Section I.

MARKS.

1. A multiparous woman (4th para) in the 37th week of pregnancy is found to have a transverse lie. Discuss the possible causes and outline your treatment until the woman is delivered. 17

2. How would you diagnose and treat Placenta Praevia at the 32nd week of gestation?

3. A patient on the 3rd day of puerperium develops a temperature of 101° F. How will you investigate and diagnose the case? 16

Section II.

4. Describe the structure of Endometrium and its changes during Menstrual cycle. 16

5. Discuss the diagnosis and treatment of a case of Early Carcinoma of the Cervix. 18

6. Describe in detail the feeding of a motherless baby weighing 6 lb. from 3rd day after its birth till it is 3 week old. 16

B. PHARMACY PRELIMINARY EXAMINATION, APRIL 1956.

General Chemistry.

Time : Three hours. Maximum : 100 marks.

Separate answer books must be used for each part.

Attempt only THREE questions in each part.

PART I.

MARKS.

1. Describe the kinetic theory of gases and show how it explains the various gas laws.

The charge on the electron is $1{\cdot}6 \times 10^{-20}$ electromagnetic units. One electromagnetic unit of charge=10 coulombs and one Faraday 96,500 coulombs. Calculate the Avagadro Number from these data. 18

2. Give an account of van't Hoff's theory of dilute solutions with suitable examples.

A 0·8 per cent solution of glucose exerts an osmotic pressure of one atmosphere at normal temperature. Calculate the molecular weight of glucose. 16

3. Define : equivalent conductance and conductivity and deduce the relation between them. How is the equivalent conductance at infinite dilution determined for potassium chloride ? 16

4. Write short notes on—

(*a*) Henri's Law

(*b*) Critical Solution Temperature

(*c*) Viscosity of blood and

(*d*) Spectrophotometer. 16

PART II.

5. State and explain the Law of Mass Action. Describe some of its biological and other applications. 16

6. Write an essay on the theory and the applications of absorption. 16

7. Compare and contrast the properties of solutions with those of colloids. Explain : (*a*) gelation and (*b*) imbibition. 16

8. Describe the theory of buffer solutions.

Calculate the pH of a solution containing 6·6 gms. of acetic acid and 9·02 gms. of sodium acetate per litre. The ionisation constant of acetic acid is $1{\cdot}8 = 10^{-5}$. 18

B. PHARMACY PRELIMINARY EXAMINATION, APRIL 1956.

Pharmaceutical Botany and Elementary Zoology.

Time : Three hours. Maximum : 100 marks.

Separate answer books must be used for each part.

Answer questions FOUR and EIGHT and any TWO of the remaining in each part.

PART I.

MARKS.

1. Describe with sketches the different types of dry fruits, indicating briefly their adaptation for seed dispersal. 15

2. Describe in detail the structure of a dicot root. Illustrate the answer with labelled sketches. 15

3. What are the distinguishing characters of Rubiaceae ? Mention three plants of common occurrence. 15

4. Write notes on—
   (*a*) Ascospore
   (*b*) Medullary ray
   (*c*) Phyllotaxis
   (*d*) Protogynous flower. 20

PART II.

5. Give an account of the alimentary system of the cockroach. 15

6. Describe with suitable sketches, the life history of a fern. 15

7. Describe the arterial system of Frog, giving labelled sketches. 15

8. Write short notes on—
   (*a*) Mendelism
   (*b*) Tapeworm
   (*c*) Sporogonium of moss.
   (*d*) Oscillatoria. 20

B. PHARMACY PRELIMINARY EXAMINATION, APRIL 1956.

General Physiology.

Time : Three hours. Maximum : 100 marks

Separate answer books must be used for each part.

Answer question ONE and any TWO of the remaining in each part.

PART I.

MARKS.

1. Give an account of the development of the Red blood corpuscle, and state the factors which influence it. 18

2. Give a brief account of the nervous control of the Heart. 16

3. Describe the structure and functions of the Large-Intestine. 16

4. Write short notes on—
   (a) Vitamin C.
   (b) Intestinal Villus. 16

B. PHARMACY PRELIMINARY EXAMINATION, APRIL 1956—*cont.*

General Physiology—cont.

MARKS.

PART II.

1. What is the normal body temperature in man? How is it regulated? 18

2. Describe the exchange of gases in the lungs. 16

3. Describe the structure and functions of the Para-thyroid gland. 16

4. Write short notes on—
(a) Insulin.
(b) Retina. 16

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Final—Part I—(New Regulations)—Organic Chemistry.

Time : Three hours. Maximum : 100 marks.

Use separate answer books for parts I and II.

Formulae and Equations to be given wherever possible.

MARKS.

PART I.

1. An organic compound *A*, containing 49·32 per cent Carbon, 9·59 per cent Hydrogen, 19·14 per cent Nitrogen, gave, on treatment with sodium and alcohol, a compound *B*. *B* on treatment with Sodium nitrite and acid yielded a compound *C*, having the composition Carbon 60 per cent, Hydrogen 13·33 per cent and a vapour density 30. *C* was found to undergo oxidation, yielding a volatile liquid, which does not reduce Fehling's solution. Deduce the structure of *A* and explain the reactions. 15

2. Write down the structural formulae of the different isomeric Butyl alcohols. Indicate how *any three* of them can be synthesised, starting from acetylene. 18

3. What is meant by optical isomerism? How is it caused? Discuss the isomerism with reference to Tartaric acid. 17

PART II.

1. Discuss fully the uses of *any three* of the following in organic chemistry—
(a) Sodium Ethoxide.
(b) Hydroxylamine.
(c) Maleic anhydride.
(d) Magnesium. 15

2. Bring out the differences in the methods of preparation and properties of nuclear substituted, and side-chain substituted, aromatic compounds, illustrating your answer with reference to the Hydroxy, Halogen and Amino Compounds. 17

3. How are the following commercially obtained :—
(a) Sulphapyridine.
(b) D.D.T.
(c) Saccharin.
Mention their uses. 18

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Part I—Final—Pharmacology.

Answer any SIX questions including questions 3 and 5.

Time : Three hours. Maximum : 100 marks.

MARKS.

1. What are Cardiac Glycosides. Describe in detail the pharmacological action of one of the important Glycosides. 17

2. Describe the pharmacological actions of Adrenaline. 17

3. Write short notes on—
   (a) Terramycin.
   (b) Mapharsen.
   (c) Vitamin C.
   (d) Pethidine Hydrochloride. 16

4. Briefly describe the actions of Posterior Pituitary Extract. 17

5. Describe the pharmacological action of the preparations of Bismuth. 16

6. Classify Diuerits and describe with examples how they act ? 17

7. What drugs are used to dilate the Bronchioles ? How do they act ? 17

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Part II—Final, Pharmacognosy.

Time : Three hours. Maximum : 100 marks.

Use separate answer books for parts I and II.

Answer THREE questions ONLY in each part.

All questions carry equal marks.

Answers should be supported by LABELLED DIAGRAMS and EXAMPLES wherever possible.

PART I.

1. Give a descriptive account of Source, Constitution and Uses of the pairs of Drugs, given below—
   (a) Colchicum & Strophanthus.
   (b) Isphagula & Linseed.
   (c) Digitalis & Squill.

2. What is FILIX MAS ? Give its Source, Collection, Preparation for the market, Constituents and uses. On examining its TRANSVERSELY-CUT surface, with a Hand lens, how will you recognise it from other roots and rhizomes.

3. What are 'ANHYDROUS LANOLIN' and 'LANOLIN'? Explain how Anhydrous Lanolin is obtained and prepared for the market. Give its Constituents and uses. What are its possible adulterants and how are they detected.

4. Write short notes of Pharmacognostical interest on any FOUR of the following :
   (a) Cochineal.
   (b) Mace.
   (c) Sclerotium.
   (d) Commissural Surface.
   (e) Balsam.

B. PHARMACY DEGREE EXAMINATION, APRIL 1956—*cont.*

Part II—Final Pharmacognosy—cont.

PART II.

5. How will you determine the number of Pollen grains in POWDERED PYRETHRUM FLOWERS. *What is its significance* in Quantitative Microscopy.

6. By means of Labelled Diagrams, bring out the Macroscopical and Microscopical *features* of IPECACUANHA *Root*. By what characters, you will recognise the presence of Stem in the drug. In what respects, 'CARTHAGENA IPECACUANHA' differs from 'RIO IPECACUANHA'.

7. Describe the characteristic Microscopical features and Chemical tests, if any, that would enable you to recognise the components, of the groups, of powder mixtures given below.
(*a*) Cinchona & Hyoscyamus.
(*b*) Digitalis & Quillaia.
(*c*) Senna & Kieselguhr.

8. Describe the methods and the apparatus recommended for the estimation of Volatile Oil in Drugs.

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Part II—Final—Pharmaceutical Chemistry—Paper I.

Time: Three hours. Maximum: 100 marks.

Answer any SIX questions.

All questions carry equal marks.

1. Give a short account of Official fixed oils with regard to their preparation, medicinal uses and chemical constants.

2. Describe the preparation, properties and use of the following—
(*a*) Calcium Gluconate
(*b*) Sodium metabisulphite
(*c*) Hypophosphorous Acid
(*d*) Sodium Nitrite and
(*e*) Potassium antimonyl tartarate.

3. Describe the preparation and assay of any two official inorganic compounds of Mercury. Give equations wherever necessary.

4. Explain clearly the principles underlying the quantitative determination of Arsenic when present in Organic combination and in traces. Illustrate your answer with suitable examples.

5. Give a short account of the chemical nature of the following—
(*a*) Wool fat
(*b*) Ichthammol
(*c*) Totaquine
(*d*) Chlorinated lime and
(*e*) Ferric ammonium citrate.

6. Describe how the amount of free alcohols, ketones and peroxides in essential oils is determined.

B PHARMACY DEGREE EXAMINATIOM, APRIL 1956—*cont.*

Part II—Final—Pharmaceutical Chemisry—Paper I—cont.

7. Give an account of the method of determination of the alcoholic content in galenical preparations.

8. Write short notes on—
(*a*) Diazotisation
(*b*) Vitali's Test
(*c*) Oppenauer oxidation
(*d*) Clemmensen Reduction and
(*e*) Murexide test.

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Part II—Final—Pharmaceutical Chemistry—Paper II.

Time : Three hours. Maximum : 100 marks

Answers SIX questions only.

All questions carry equal marks.

1. Write the formulae of the natural Oestrogenic harmones—

Outline a method of preparation of any ONE official synthetic compound having this activity.

2. Describe how the following can be prepared—
(*a*) Amphetamine from Phenyl acetone
(*b*) Phenobarbitone from Benzyl cyanide
(*c*) Ethisterone from Dehydro-epiandrosterone
(*d*) Methyl thiouracil from thio-urea

3. How is Penicillin G manufactured ? Mention its important Chemical properties ? How can it be assayed chemically ?

4. Describe how the official compounds having Vitamin K activity, can be prepared. Give their properties. Outline a method for synthesising the official compound having anticoagulant action.

5. Give a short account of the chemistry and uses of the important antimalarial drugs.

6. Describe the preparation of Sulpharsphenamine and Acetarsol. Given an account of their chemical properties, use and methods of Assay.

7. What are the active constituents of Digitails Lanata and Digitalis Purpurea leaves ? What are their chemical properties ? How are they related ?

8. Write the structural formulae of—
(*a*) Ephedrine
(*b*) Cocaine
(*c*) Quinine and
(*d*) Ergometrine. What are the likely impurities in (*b*) and (*c*) and how are they tested ?

B. PHARMACY DEGREE EXAMINATION, APRIL 1956.

Part II—Final—Forensic Pharmacy and Pharmaceutical Bacteriology.

Time: Three hours. Maximum: 100 marks.

Use separate answer books for parts I and II.
Answer THREE questions only in each part.
All questions carry equal marks.

PART I.

1. What are State Pharmacy Councils and Joint State Councils? Summarise the Constitution, Composition and duties of the Pharmacy Council of your State.

2. Explain the objectives of the enactment of 'Indian Poisons Act'. In what respects, the following are governed, by its provisions.—

(*a*) A Manufacturer

(*b*) A Retail Pharmacist.

3. What is 'Central Drugs Laboratory' as outlined in the Drugs Acts and the Drugs Rules framed thereunder? Explain its dutise,

4. Write notes of Forensic interest on ANY TWO of the following—

(*a*) Retail sale of Schedule C Drugs

(*b*) Import of 100 lb. of ERYTHROXYLON COCA Leaves from Calcutta for manufacturing purposes.

(*c*) A local merchant imports a B.P. Drug from abroad in bulk packing and he repacks them in smaller containers for retail sale, affixing the name of his company on the label.

PART II.

5. What is B.C.G. Vaccine? Describe how it is manufactured and explain the official directions regarding Toxicity, Virulenoe, Labelling and Dose.

6. Explain the details involved in carrying out the B.P. tests for Sterility, Undue Toxicity and Pyrogens, in respect of ANY ONE Official Penicillin preparation.

7. What are the organisms concerned in the production of 'Streptomycin' 'Tyrothricin' and 'Terramycin'? Name TWO Official products of Streptomycin. Outline the manufacture of STREPTOMYCIN.

8. Write short notes on ANY FOUR of the following—

(*a*) Gram's stain

(*b*) Alum precipitated Toxoid

(*c*) Non-Absorbable Sutures

(*d*) Berkefeld Filters

(*e*) Bacteriostatic

(*f*) Virus

B. PHARM. DEGREE EXAMINATION, APRIL 1956.

Final—Part II—Pharmaceutics.

Time : Three hours. Maximum : 100 marks.

Answer SIX questions only.

All questions carry equal marks.

1. Describe with essential practical details but omitting details of assay process, the preparation of the following—
   (*a*) Liquid extract of Liquorice
   (*b*) Aromatic Spirit of Ammonia
   (*c*) Solution of Adrenaline Hydrochloride
   (*d*) Syrup of Iron Iodide.

2. What are requirements that have to be fulfilled in carrying out evaporation of galenical preparations ? Explain how Spray drying and Freeze drying satisfy them.

3. What is an emulsion? How can the rate of creaming be reduced ? Describe the construction of a machine used for the large-scale manufacture of an emulsion. Illustrate your answer with a neat diagram.

4. With typical examples give a critical account of the various solvents used in the preparation of pharmaceutical products.

5. Comment upon the following—
   (*a*) The standards for compressed tablets
   (*b*) The grading of Powders
   (*c*) The classification of Ointment bases.

6. Write short notes on the following—
   (*a*) Reserve Percolation
   (*b*) Ball-Mills
   (*c*) Filter-aids
   (*d*) Scale preparations.

7. Describe the preparation and the official standards of sterilised surgical cat-gut.

8. Describe the sterilization and dispensing of parenteral preparations.

FIRST B.D.S. DEGREE EXAMINATION, APRIL 1956.

Anatomy.

Time : Three hours. Maximum : 75 marks.

Candidates must use separate answer books for arts I Pand II.

All questions carry equal marks.

PART I.

1. Describe the hypoglossal nerve.

2. Describe the development of the face.

3. Describe the submandibular gland (Salivary).

FIRST B.D.S. DEGREE EXAMINATION, APRIL 1956—*cont.*

Anatomy—cont.

PART II.

4. Describe the inferior dental artery.

5. Describe the scalenus anterior muscle and give its relations.

6. Write short notes on—
   (*a*) Canine teeth
   (*b*) Pharyngotympanic tube
   (*c*) Sphenopalatine ganglion.

FIRST B.D.S. DEGREE EXAMINATION, APRIL 1956.

Physiology (including Histology and Biochemistry).

Time: Three hours. Maximum: 75 marks.

Candidates must use separate answer books for Parts I and II.

Illustrate answer with diagrams.

All questions carry equal marks.

PART I.

1. Describe the formation, composition and functions of Lymph.

2. Describe the structure and properties of cardiac muscle. State the effect of Vagus on Heart.

3. Write short notes on—
   (*a*) Blood groups
   (*b*) Arterial pulse
   (*c*) Anoxia.

PART II.

4. What are Enzymes? Describe their actions in Intestinal Digestion.

5. Describe briefly the structure and functions of a 'nephron'. Mention 2 tests for Renal function.

6. Write short notes on—
   (*a*) Vitamin C.
   (*b*) Parathyroid Harmone
   (*c*) Sensory pathways to cerebral cortex.

FIRST B.D.S. DEGREE EXAMINATION, APRIL 1956.

Dental Metallurgy.

Time : Three hours. Maximum : 100 marks.

Each part has to be answered in separate answer books marked Part I and Part II.

MARKS.

PART I.

1. A. What is an investment? Give the properties of investment materials 9

B. Discuss proportioning of Alloy and Mercury for Dental Amalgam fillings. 9

2. Describe briefly the methods of "Hardening Heat Treatment" of Dental alloys and discuss why the alloy should be subjected to "Softening Treatment" prior to "age hardening Treatment." 14

3. Give a brief note on each of the following :—

(*a*) Need for the use of "Separating Media" prior to packing of Acrylic Resin into the mould

(*b*) Flux used for Stainless Steels

(*c*) Requisites for an impression compound. 18

PART II.

1. Describe the chemistry of "Setting" of Alginate impression powders consisting soluble Alginate, Calcium compound of low solubility (an hydrous Calcium sulphate) a small amount of soluble Phosphate and inner filler materials ; when mixed in the "water" to form a gel. 15

2. A. Name four types of alloys. What is Eutectiferous mixture ? 7

B. Differentiate between 1. Metal and ore. 2 Cast metal and wrought metal. 7

3. Give a brief note on each of the following :—

(*a*) Carving wax

(*b*) Dental uses of Aluminium

(*c*) Precautions to be observed in using gypsum products in dentistry. 21

SECOND B.D.S. EXAMINATION, APRIL 1956.

General and Dental Materia Medica.

Time: Three hours. Maximum: 75 marks.

Answer Parts I and II separately.

All questions carry equal marks.

PART I.

1. How do you classify antiseptics according to their mode of action? Discuss in detail any two of them.

2. Discuss the factors which determine the dosage of a drug. How do you calculate the dosate for children.

3. Write a short notes on—

Analeptics

Proguanil (Paludrine)

Oxygen.

PART II.

1. Discuss the drugs that may be used in the treatment of excessive dental haemorrhage, and describe their mode of action.

2. Discuss the discolouration of an upper central incisor in a young gisl. What steps you would take to restore it to its normal colour.

3. What drugs may be used to help the proper calcification of the teeth? Describe how these drugs act.

SECOND B.D.S. EXAMINATION, APRIL 1956.

General Pathology and Bacteriology.

Time: Three hours. Maximum: 75 marks.

Answer Parts I and II separately.

Figures to the right indicate full marks.

Diagrams will be appreciated.

PART I.

	MARKS.
1. What is an infarct? Describe the changes it undergoes with particular reference to the heart.	13
2. Give the pathology of acute osteomyelitis of the jaw.	13
3. State briefly the differences between a benign and malignant tumour.	12

SECOND B.D.S. EXAMINATION, APRIL 1956—*cont.*

General Pathology and Bacteriology—cont.

MARKS.

PART II.

4. Give the morphology, cultural characters and pathogenicity of Streptococcus viridans. 12

5. How is typhoid fever caused? Describe briefly the bacteriological procedures employed in the diagnosis of this infection. 13

6. Write short notes on—
(*a*) Antibiotics
(*b*) Autoclave
(*c*) Epulis. 12

SECOND B.D.S. DEGREE EXAMINATION, APRIL 1956.

Human and Comparative Dental Anatomy, Physiology and Dental Histology.

Time : Three hours. Maximum : 75 marks.

Answer Parts I and II separately.

All questions carry equal marks.

Draw diagrams to illustrate.

PART I.

1. Describe the origin and structure of the dental follicle. What are its functions?

2. Describe the normal microscopic anatomy of the roots of—
(*a*) The first maxillary permanent molar
(*b*) The first mandibular permanent molar
(*c*) The second mandibular deciduous molar.

3. Describe the detailed microscopic structure of the human dental pulp.

PART II.

1. Describe the different types of tooth attachment.

2. Discuss the significance of tooth form. How does it protect the gingivae?

3. Give the dates of eruption and completion of calcification of the permanent dentition.

THIRD B.D.S. DEGREE EXAMINATION, APRIL 1956.

Medicine.

Time : Three hours. Maximum : 100 marks.

Each question carries an equal number of marks.

Answer parts I and II in separate books.

PART I.

1. Describe the clinical picture of Acute Leukaemia, with special reference to the oral manifestations. How will you recognize and treat the condition ? Give details of the care of the mouth.

2. Give an account of the aetiology, clinical picture, diagnosis, and treatment of Rheumatic Fever.

3. Describe the pathological changes due to, and clinical manifestations of, Ascorbic acid (Vitamin C) deficiency.

PART II.

1. Describe a case of Trigeminal Neuralgia. Discuss the aetiology and treatment of this condition.

2. Describe the clinical picture of mumps.
Discuss the differential diagnosis and treatment.

3. Give the aetiology, symptoms, diagnosis and treatment of chronic gastritis.

B.D.S. EXAMINATION, APRIL 1956.

Surgery.

Time : Three hours. Maximum : 75 marks.

PART I.

Answer Parts I and II in separate books.

Each question carries an equal number of marks.

1. Discuss the differential diagnosis of swellings of the Mandible.

2. How do you treat a patient admitted to the Hospital suffering from a severe burn ? What complications may arise ?

3. Give an account of the signs, symptoms and treatment of Carcinoma of the Tongue.

PART II.

1. Describe a typical Carbuncle.
How is it caused and what is its treatment.

2. Discuss the differential diagnosis of swellings of the neck, occursing in the middle line.

3. Write short notes on—
(*a*) Tetanus
(*b*) Cancrum Ovis
(*c*) Mixed tumour of the parotid gland.

THIRD B.D.S. EXAMINATION, APRIL 1956.

Dental Surgery and Pathology with Dental Bacteriology.

Time : Three hours. Maximum : 75 marks.

Answer Parts I and II separately in separate answer books.

All questions carry equal marks.

PART I.

1. Give points of differential diagnosis between chronic ulcers of Syphylis, Tuberculosis and Carcinoma in the mouth.

2. What is meant by the terms Focus of Infection and Focal Infection ? Briefly describe the pathways of spread of infection from the upper third molar.

3. Outline the differential diagnosis of acute pulpitis, acute Periodontitis and acute alveolar abscess.

PART II.

1. Give an account of the Pathology and diagnosis of the epulides.
2. Discuss Pathological lesions that may occur in the mouth of a child under two years of age.

3. Indicate how would you obtain and prepare for microscopical examination a smear from gum margin. Describe the appearance of a typical smear from (a) Chronic Suppurative periodontitis, (b) Acute ulcero-membranous gingivitis.

M.D. DEGREE EXAMINATION, MARCH 1956.

Branch I—(New Regulations).

Tropical Medicine.

Time : Three hours. Maximum :

1. What diseases may be simulated by Plague ?

2. Discuss the treatment of Blackwater fever.

3. Discuss the scope and limitations of the examination of stool in tropical diseases.

M.D. Degree Examination, March 1956.

Branch I—(New and Old Regulations).

Medicine including Patholcgy and Mental Diseases—I.

Time : Three hours. Maximum :

1. Discuss the aetiology, pathology, symptoms and signs of Pancreatic Calculosis. What investigations would you make in such a case?

2. Give the anatomical relations and histological structure of the Adrenal gland. What are the clinical manifestations of a chromaffin cell tumour of the adrenal medulla and how would you confirm its presence?

3. Discuss the pathological physiology of Anoxic pulmonary heart disease. How would you diagnose and manage such a condition?

4. A married lady, aet. 35 years, has complete aversion to food for 3 years. The trouble started during the early months of her last pregnancy along with hyperemesis. She also complains of abdominal pain for which cholecystectomy and hysterecytomy were done during this period but no gross pathological changes were detected in the organs removed. She is now markedly emaciated, gets frequent small vomits, has an enlarged liver and oedema feet. Her intellectual functions are normal.

What would be your procedure in arriving at a diagnosis of the case and how would you treat her?

M.D. Degree Examination, March 1956.

(Common to Branches I O.R. and II; III-a and III-b.)

Medicine—General.

Time: Three hours. Maximum :

1. Discuss the varieties, causes and clinical manifestations of Pleurisy.

2. Discuss the pathology of rheumatic fever and describe its clinical manifestations.

3. Discuss Viral Hepatitis.

4. Discuss the mechanism of obesity. Enumerate the hazards of obesity.

M.D. Degree Examination, March 1956.

Branch II.

Midwifery and diseases of women and children including Pathology of these subjects—Paper I.

Time : Three hours.

1. Discuss the problem of Pregnancy associated with cancer of the cervix.

2. Discuss the problem of post-maturity. Describe your management of a primigravida, who has passed the expected date of delivery by 10 days.

3. Discuss the pathology, diagnosis and treatment of accidental Hæmorrhage.

4. A fourth gravida consults you in early prignancy. She lost her third baby 3 days after birth due to severe jaundice. What investigations will you make? Discuss the management of this case.

M.D. Degree Examination, March 1956.

Branch II.

Midwifery and diseases of women and children including Pathology of these subjects—Paper II.

Time : Three hours.

1. Discuss critically the etiology, diagnosis and treatment of Pelvic Endometriosis.

2. Describe the development of the uterus. What abnormalities requiring treatment may arise from the faulty development of the uterus? Briefly indicate their obstetric and gynæcological significances.

3. Discuss the value of vaginal smear examinations in the diagnosis of uterine cancer and in the assessment of endocrine function.

4. Discuss the indications, contra indications, and the technic of the operation of Myomectomy. What difficulties may arise during this operation.

M.D. Degree Examination, March 1956.

Branch II.

Midwifery and Diseases of women and children, etc.

Essay.

Time : Three hours.

Write an essay on ONE of the following subjects.

1. Maternal Mortality and Morbidity.
2. Pelvic "Genital" Tuberculosis.

M.D. DEGREE EXAMINATION, MARCH 1956.

Branch III-A.

(Common to III-b—Pathology Subsidiary)

Pathology—I.

Time: Three hours. Maximum:

1. Discuss the pathologic physiology, pathogenesis and morbid anatomy of systemic passive hyperaemia.

2. Discuss chemical carcinogenesis and its human significance.

3. Give an account of the histological changes in allergy and anaphylaxis.

M.D. DEGREE EXAMINATION, MARCH 1956.

Branch III-A.

Pathology—Paper II.

Time: Three hours. Maximum:

1. Discuss critically the present concept of the pathology and pathogenesis of infantile cirrhosis of liver as found in our country.

2. Discuss the evidence that histamine is involved in anaphylactic shock.

3. Discuss the pathological lesions associated with diabetes mellitus

M.D. DEGREE EXAMINATION, MARCH 1956.

Branch III-B.

Bacteriology—I.

Time: Three hours. Maximum:

1. Discuss the possible mechanisms by which drug resistance is acquired by bacteria.

2. Write a critical evaluation of the place of B.C.G. vaccine as a public health measure in our country.

3. Discuss the value and significance of Hirst phenomenon.

M.D. DEGREE EXAMINATION, MARCH 1956.

Branch III-B.

(Common to Branch III-a—Bacteriology Subsidiary)

Bacteriology—II.

Time: Three hours. Maximum:

1. Discuss the nature, mode of formation and functions of antibodies.

2. Discuss the phenomenon of haemagglutination and its value in diagnosis of infection.

3. Discuss the classification and pathogenicity of staphylococci.

PRINTED BY THE SUPERINTENDENT
GOVERNMENT PRESS
MADRAS
1957